PROJECT REPORT
SUBMITTED
IN FULLFILEMENT
OF
PYTHON TRAINING

SUBMITTED BY

1. Prince Gupta
2. Prerna Jain
3. Shantanu Pratap Singh Kushwah
4. Om Patil
5. Menka Rajput

STOCK MANAGEMENMT SYSTEM

using

PYTHON WITH

MODULES (TKINTER, WEBBROWSER, PILLOW, NEWSAPI, REQUESTS, BEAUTIFUL SOUP, MYSQL

ACKNOWLEDGEMENT

I take this opportunity to express my profound gratitude and deep regards to my faculty (Prof. Chandan Mukherjee) for his exemplary guidance, monitoring and constant encouragement throughout the course of this project. The blessing, help and guidance given by him/her time to time shall carry me a long way in the journey of life on which I am about to embark.

I am obliged to my project team members for the valuable information provided by them in their respective fields. I am grateful for their cooperation during the period of my assignment

Full Signature of the Candidates (with date)

1. Prince Gupta date = 02-07-21
2. Prerna Jain date = 02-07-21
3. Shantanu Pratap Singh Kushwah date = 02-07-21
4. Om Patil date = 02-07-21
5. Menka Rajput date = 02-07-21

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INTRODUCTION

The stock market refers to the collection of markets and exchanges where regular activities of buying, selling, and issuance of shares of publicly-held companies take place. It is a place where shares of pubic listed companies are traded. The primary market is where companies float shares to the general public in an initial public offering (IPO) to raise capital.

OBJECTIVE

The aims of this project are as follows:
Aim of this project is to lower the losses and managing financials and
Avail all the resources on one platform. There are many resources
But are not availed for free in public domain

PROJECT WORK FLOW

Research about stocks

Analyzing the work

Distribution of work among members

Login and create account frame

CPR calculation

Budget analysis

Live stock

Live news feed API in use

Finishing with good texture

MODULES AND FUNCTIONALITY

CPR MODULE – CPR gives us many functionalities which includes the pivot line concept which gives a rough figure of market movement and also shows us the indications for trading. CPR is one of the popular indicators used in stock market.

BUDGET - Budget Module will really help a lot to an individual in Managing the financials, because greediness kills in stock market It is obvious every time one will get profit. Sometimes we have to face losses at the same time we must be aware about our budget management else will lose all money.

Use of CPR Indication with some analysis and with good budget strategy will may be beneficial.

Live news – As this module is all about the latest news which are relevant to stocks and businesses while movement of stocks may vary according to the news weightage, while some experts claim that with the use of technical analysis, they can even predict the news coming up in future.

Live stocks and annual report - Live stocks extracts the numbers of live stock prices from the yahoo finance and money control website
While annual report redirects you to the documentation of the company (includes. balance sheet, future plans, ongoing work and etc.) reading annual report is one of the best things for long term investors.

SOFTWARE AND HARDWARE REQUIREMENTS

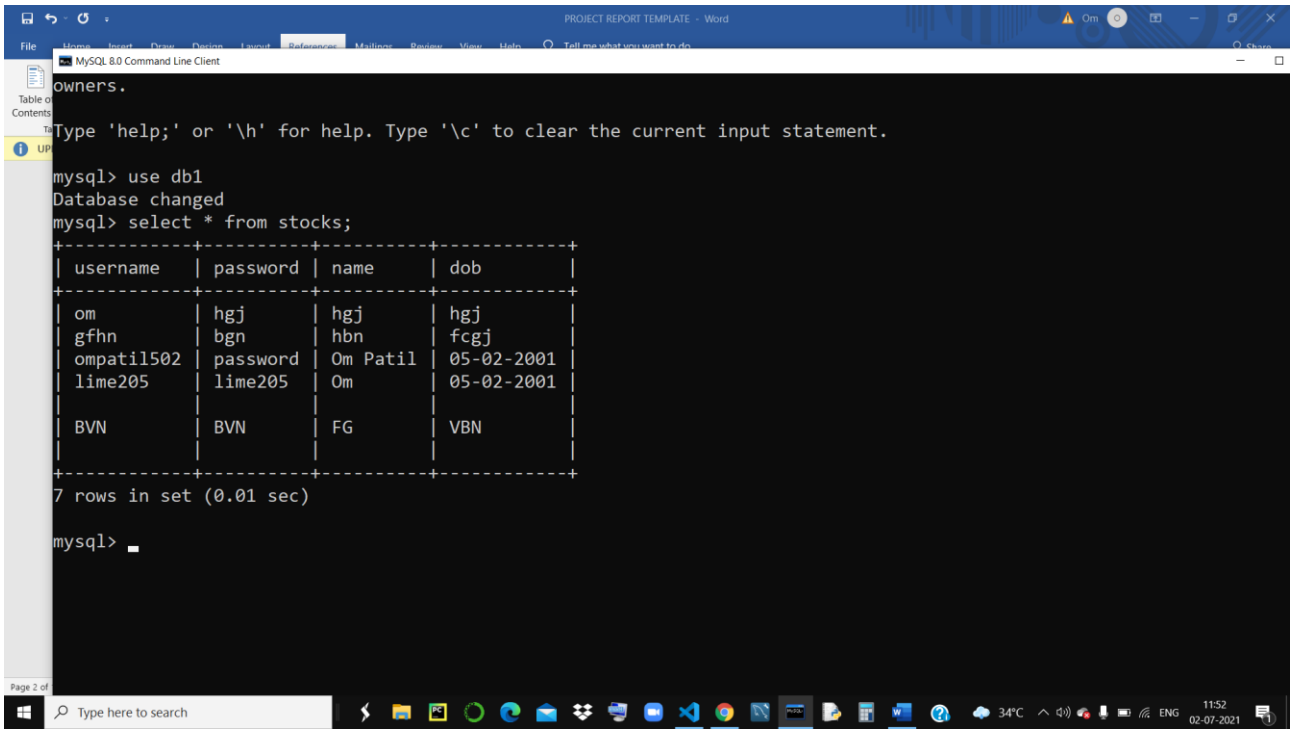
Hardware Requirement Specifications :-

PROCESSOR :- Intel i3 or i51.8 GHz.
MOTHERBOARD :- According to the processor requirement
RAM :- 4GB.
FREE DISK SPACE :- 100MB

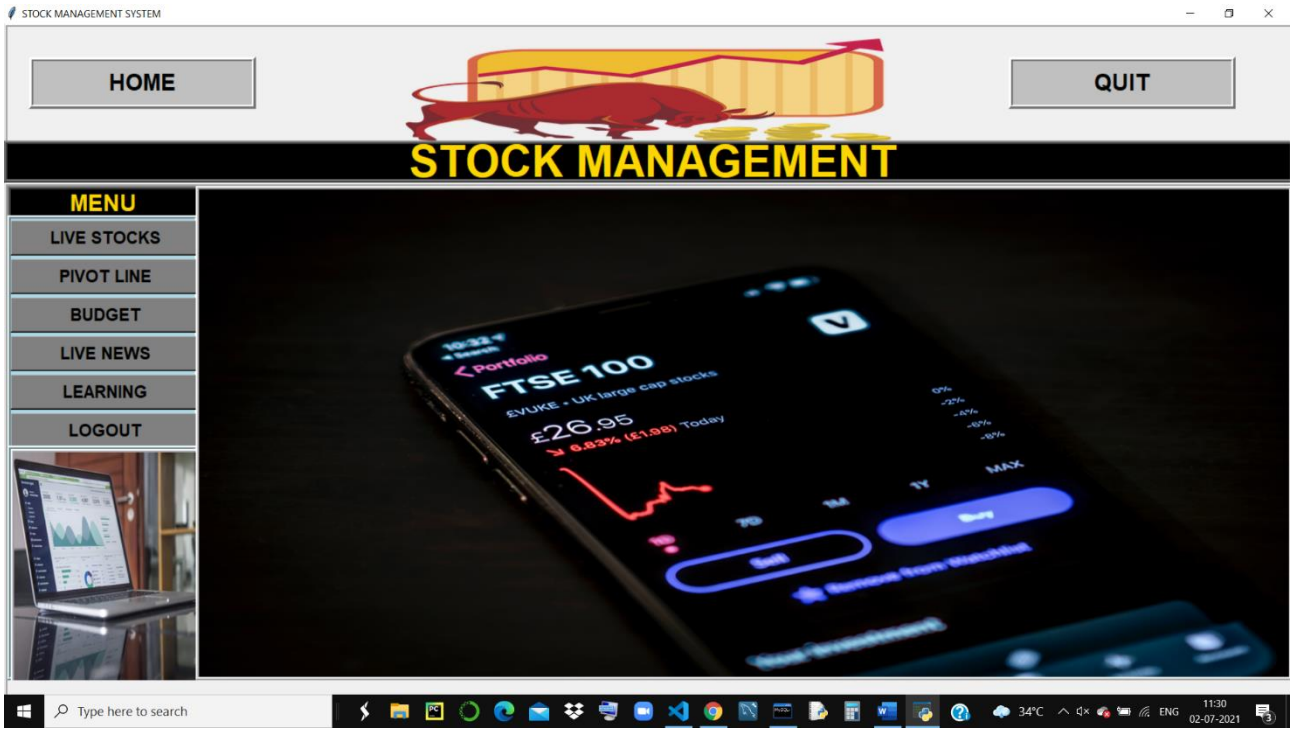
Software:-

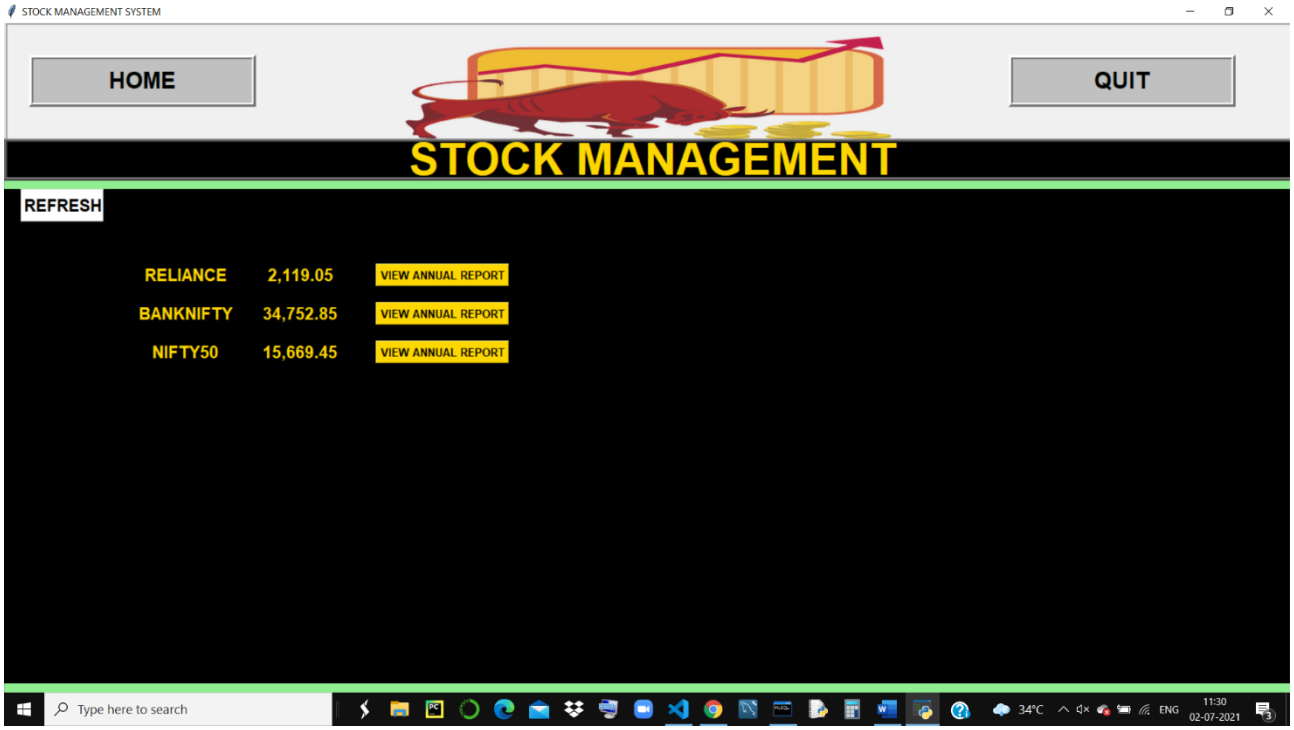
PROGRAMMING LANGUAGE USED: **PYTHON 3.9**
GUI Creation: **Tkinter**
IDE USED: **VS CODE**
Database: MY**SQL**

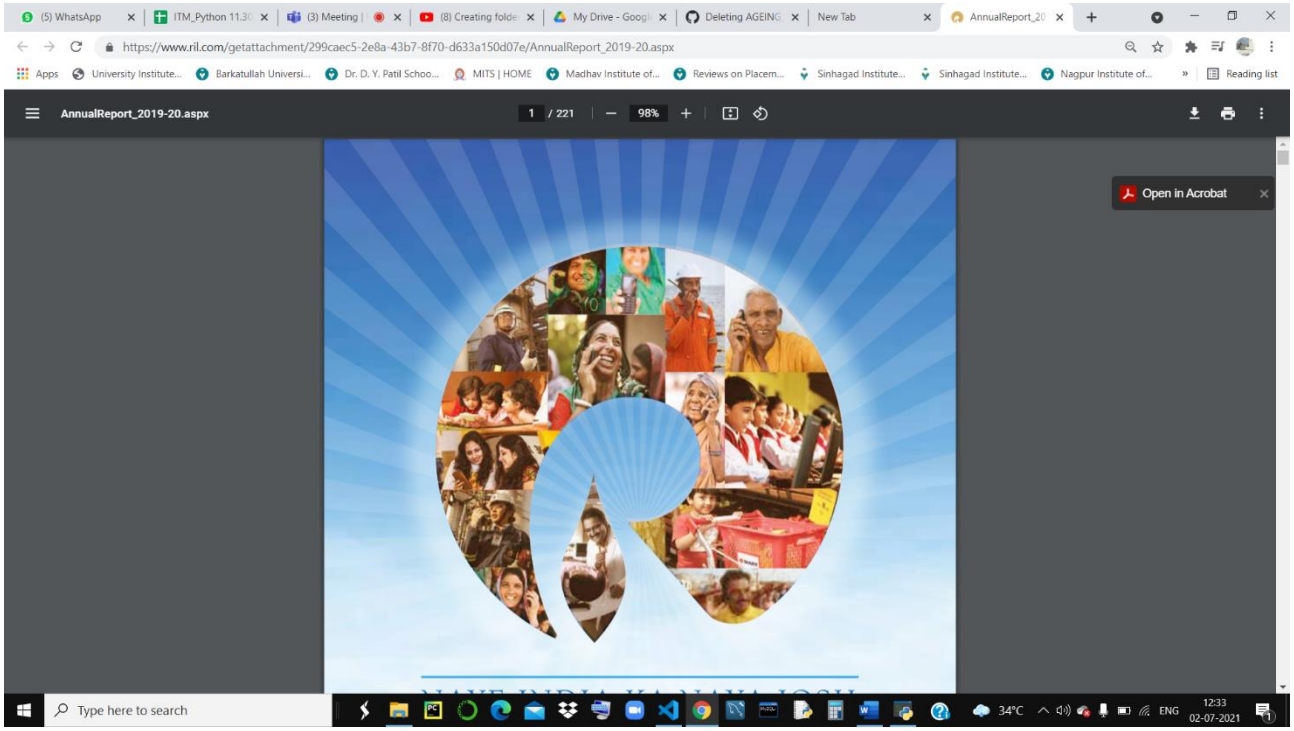
DATABASE

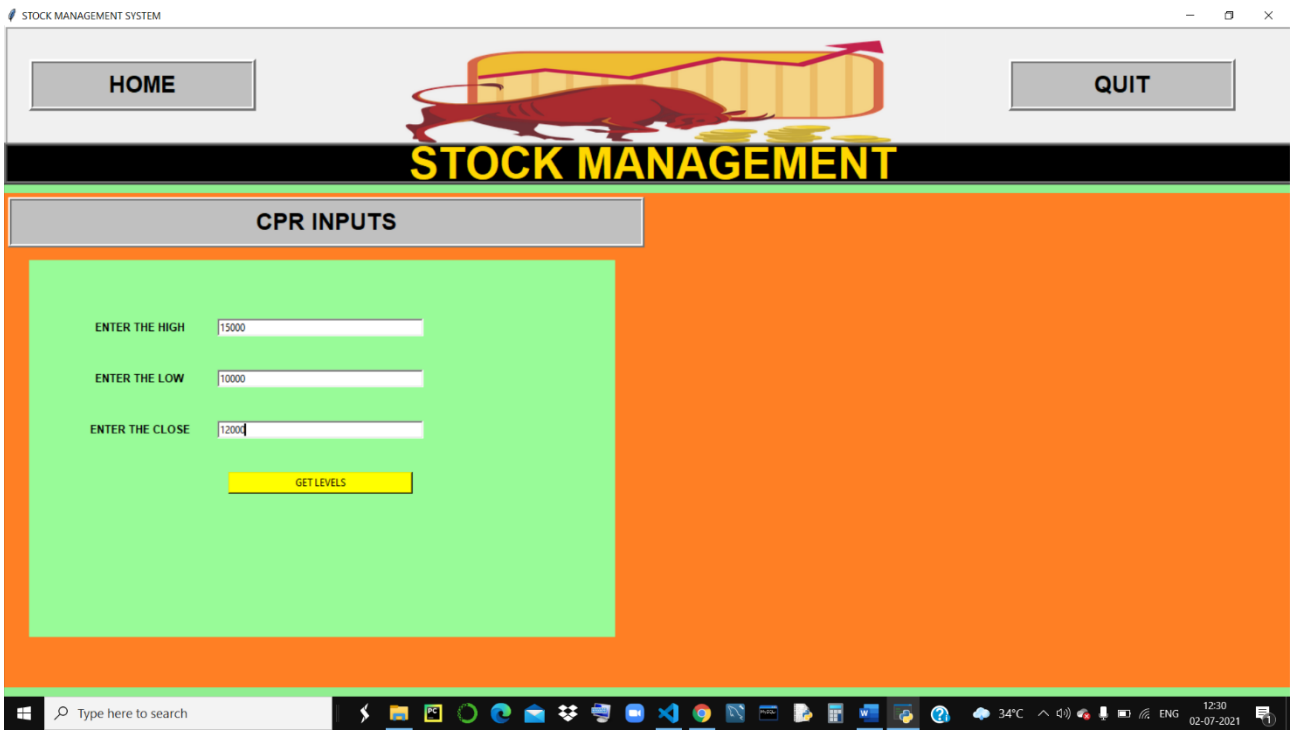

PROJECT REPORT TEMPLATE - Word
MySQL 8.0 Command Line Client
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> use db1
Database changed
mysql> select * from stocks;
+------------+----------+----------+------------+
| username | password | name | dob |
+------------+----------+----------+------------+
om	hgj	hgj	hgj
gfhn	bgn	hbn	fcgj
ompatil502	password	Om Patil	05-02-2001
lime205	lime205	Om	05-02-2001
BVN	BVN	FG	VBN
+------------+----------+----------+------------+
7 rows in set (0.01 sec)
mysql>
Type here to search
34°C
ENG
11:52
02-07-2021

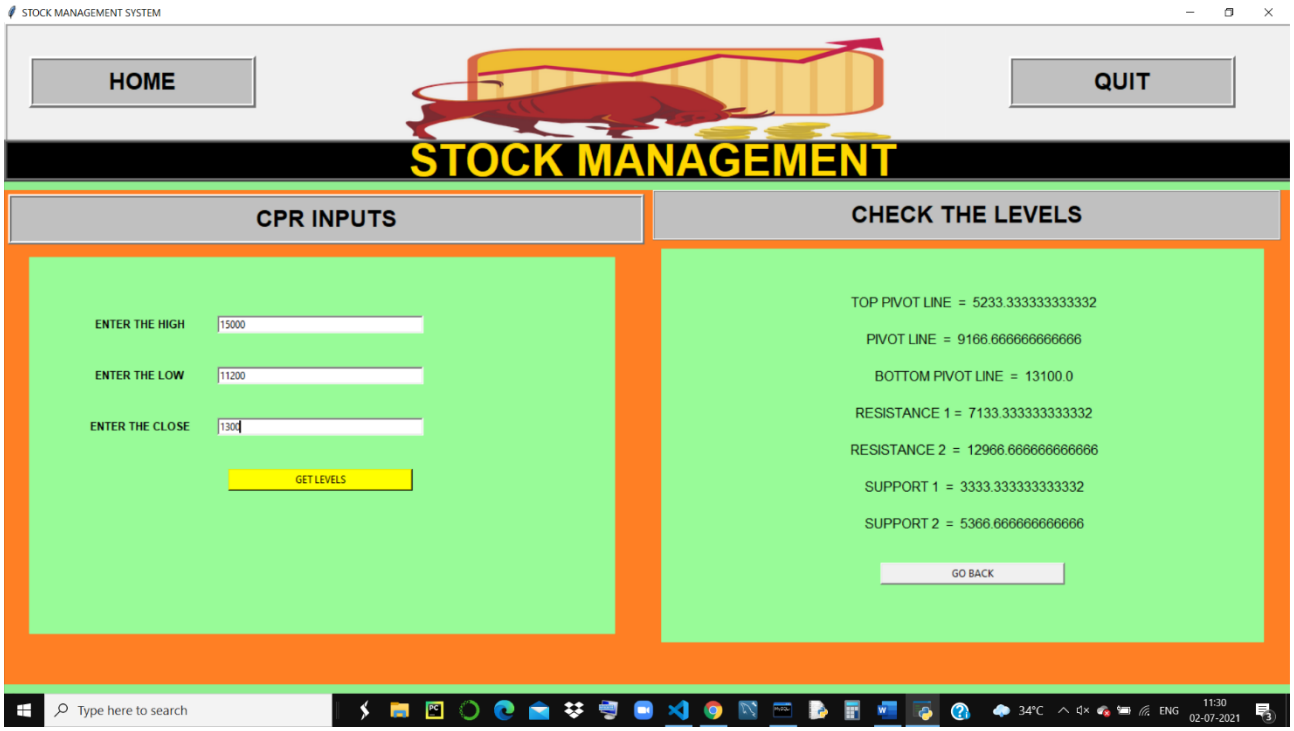
PROJECT SCREEN SHOT

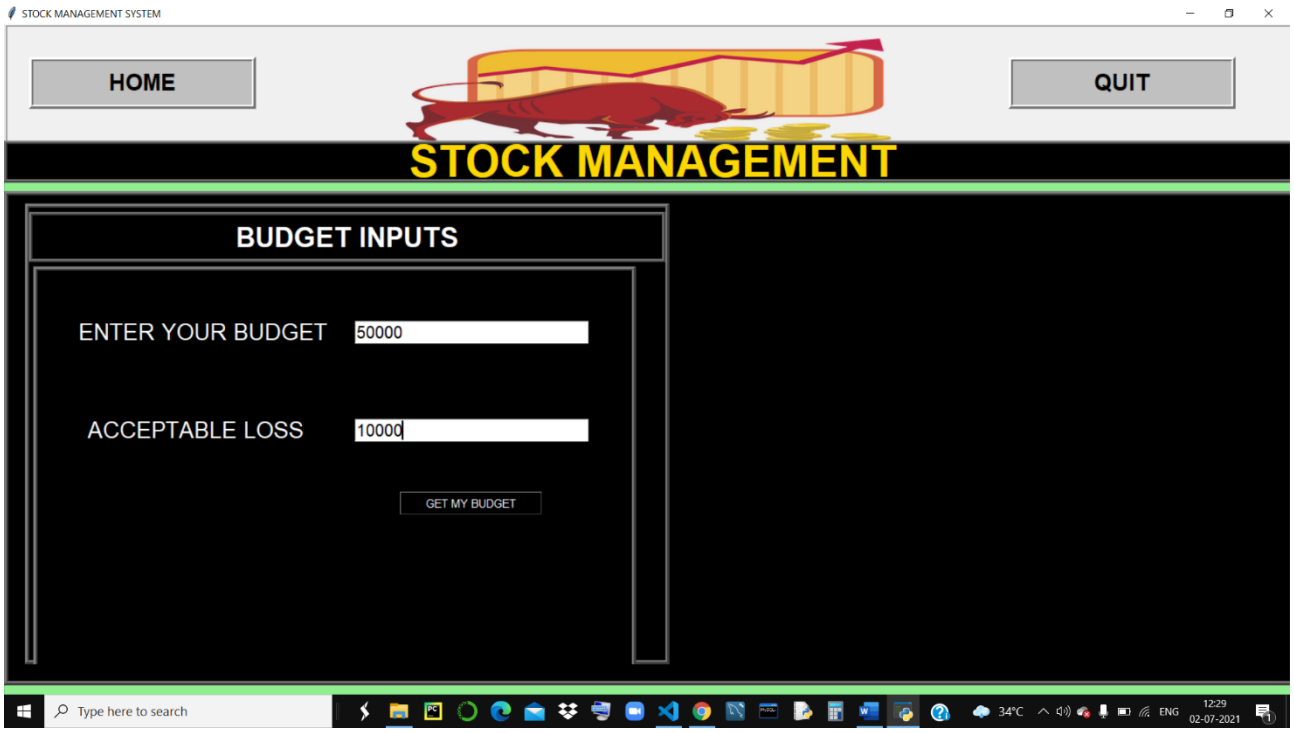


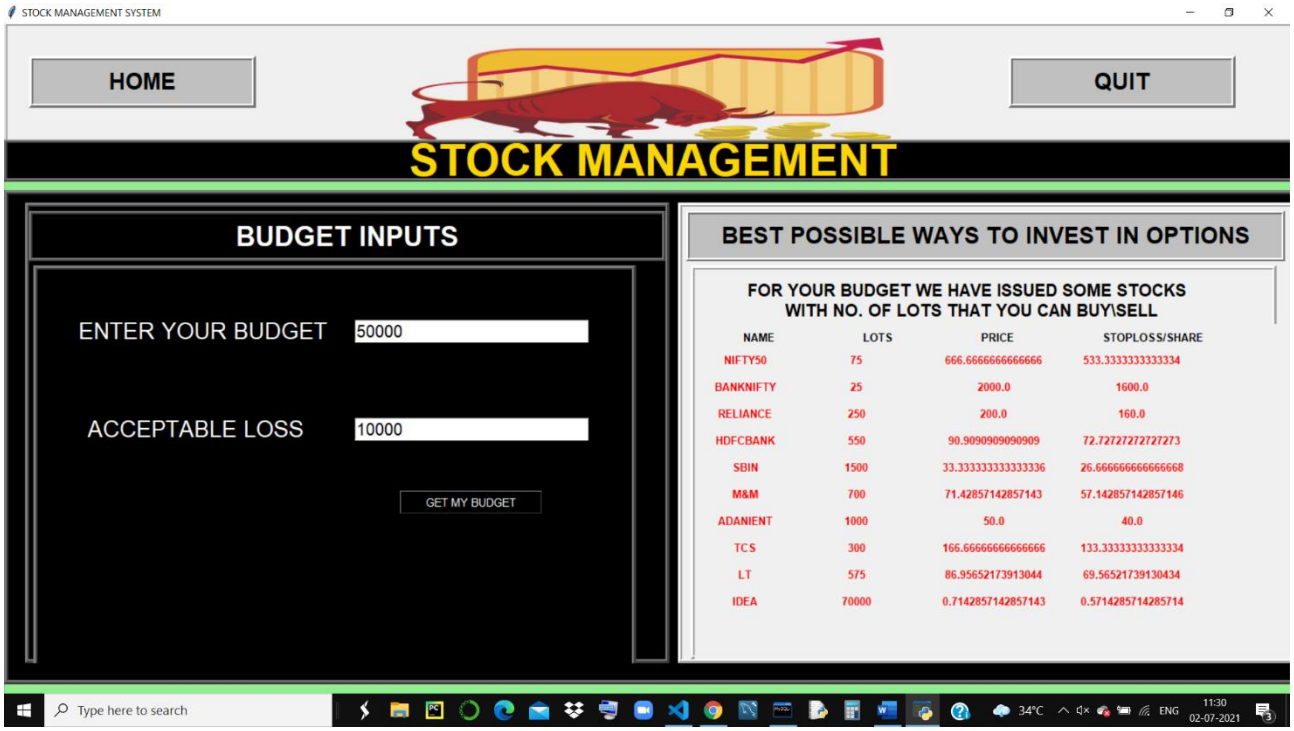


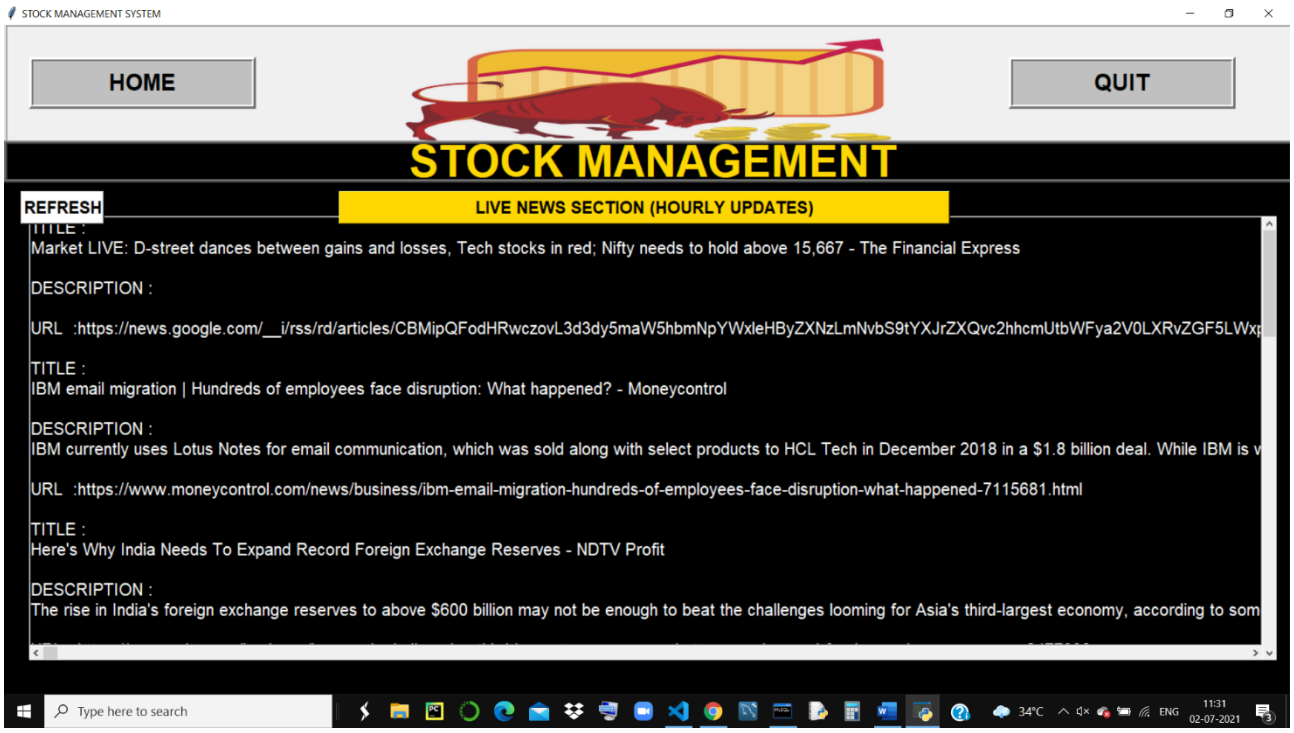

AnnualReport_2019-20.aspx
1 / 221
98%
Open in Acrobat
Type here to search
34°C
ENG
12:33
02-07-2021


STOCK MANAGEMENT SYSTEM
HOME
QUIT
STOCK MANAGEMENT
CPR INPUTS
ENTER THE HIGH
15000
ENTER THE LOW
10000
ENTER THE CLOSE
12000
GET LEVELS
Type here to search
34°C
ENG
12:30
02-07-2021


STOCK MANAGEMENT SYSTEM
HOME
QUIT
STOCK MANAGEMENT
CPR INPUTS
CHECK THE LEVELS
ENTER THE HIGH
15000
ENTER THE LOW
11200
ENTER THE CLOSE
1300
GET LEVELS
TOP PIVOT LINE = 5233.333333333332
PIVOT LINE = 9166.666666666666
BOTTOM PIVOT LINE = 13100.0
RESISTANCE 1 = 7133.333333333332
RESISTANCE 2 = 12966.666666666666
SUPPORT 1 = 3333.333333333332
SUPPORT 2 = 5366.666666666666
GO BACK
Type here to search
34°C
ENG
11:30
02-07-2021

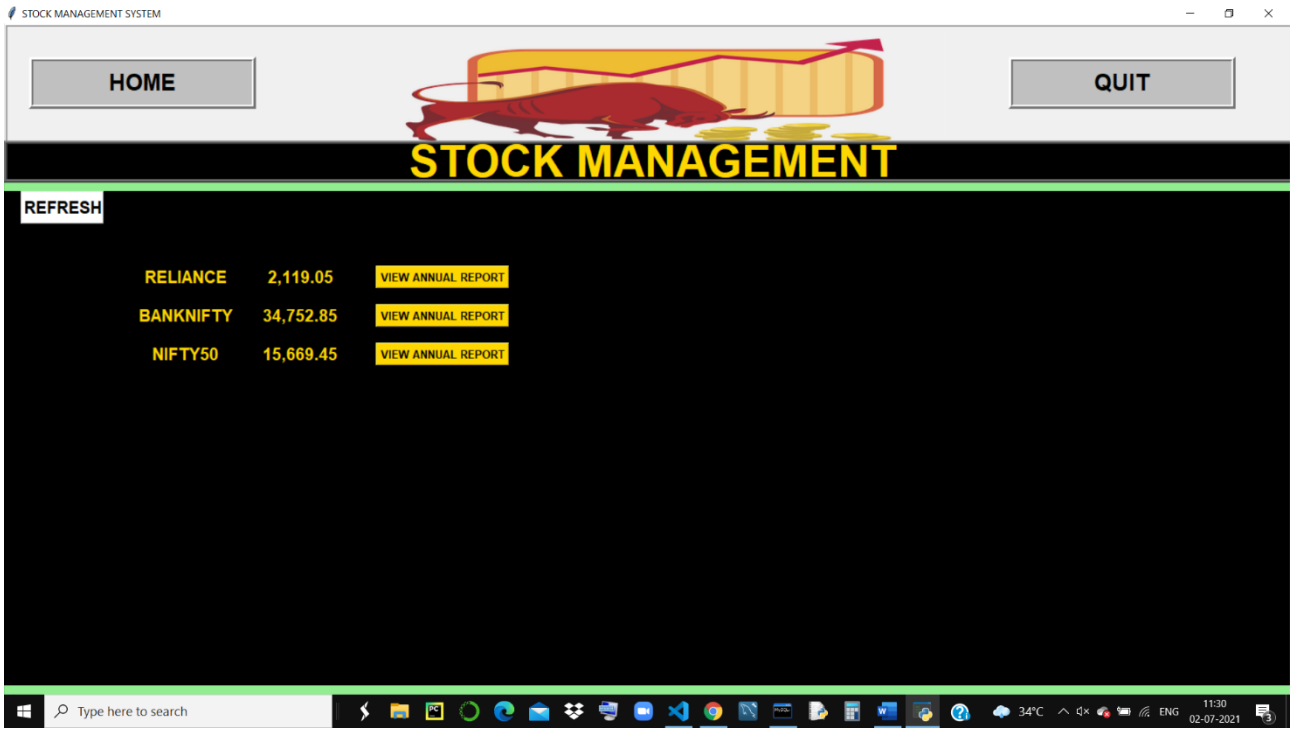

STOCK MANAGEMENT SYSTEM
HOME
QUIT
STOCK MANAGEMENT
BUDGET INPUTS
ENTER YOUR BUDGET
50000
ACCEPTABLE LOSS
10000
GET MY BUDGET
Type here to search
34°C
ENG
12:29
02-07-2021

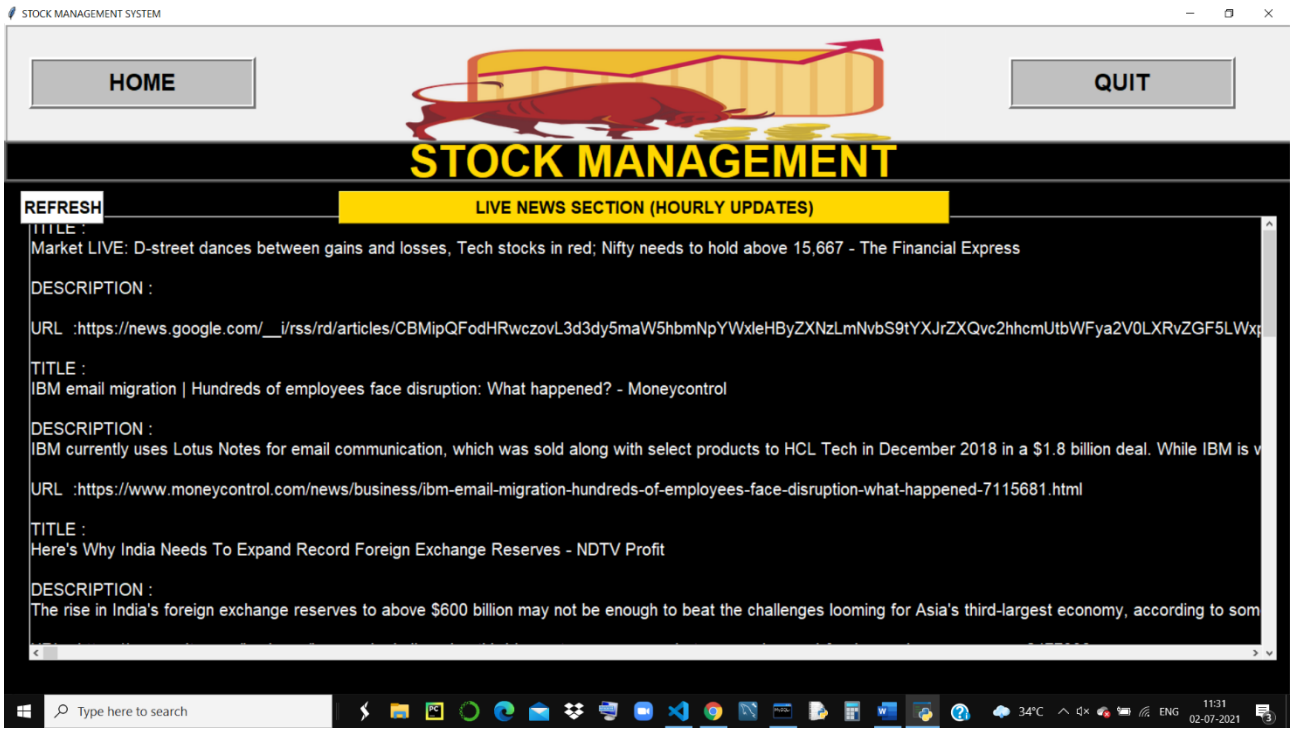

STOCK MANAGEMENT SYSTEM
HOME
QUIT
STOCK MANAGEMENT
BUDGET INPUTS
ENTER YOUR BUDGET
50000
ACCEPTABLE LOSS
10000
GET MY BUDGET
BEST POSSIBLE WAYS TO INVEST IN OPTIONS
FOR YOUR BUDGET WE HAVE ISSUED SOME STOCKS
WITH NO. OF LOTS THAT YOU CAN BUY\SELL
NAME LOTS PRICE STOPLOSS/SHARE
NIFTY50 75 666.6666666666666 533.3333333333334
BANKNIFTY 25 2000.0 1600.0
RELIANCE 250 200.0 160.0
HDFCBANK 550 90.9090909090909 72.72727272727273
SBIN 1500 33.333333333333336 26.666666666666668
M&M 700 71.42857142857143 57.142857142857146
ADANIENT 1000 50.0 40.0
TCS 300 166.66666666666666 133.33333333333334
LT 575 86.95652173913044 69.56521739130434
IDEA 70000 0.7142857142857143 0.5714285714285714
Type here to search
34°C
ENG
11:30
02-07-2021


STOCK MANAGEMENT SYSTEM
HOME
QUIT
STOCK MANAGEMENT
REFRESH
LIVE NEWS SECTION (HOURLY UPDATES)
TITLE :
Market LIVE: D-street dances between gains and losses, Tech stocks in red; Nifty needs to hold above 15,667 - The Financial Express
DESCRIPTION :
URL :https://news.google.com/__i/rss/rd/articles/CBMipQFodHRwczovL3d3dy5maW5hbmNpYWxleHByZXNzLmNvbS9tYXJrZXQvc2hhcmUtbWFya2V0LXRvZGF5LWxp
TITLE :
IBM email migration | Hundreds of employees face disruption: What happened? - Moneycontrol
DESCRIPTION :
IBM currently uses Lotus Notes for email communication, which was sold along with select products to HCL Tech in December 2018 in a $1.8 billion deal. While IBM is v
URL :https://www.moneycontrol.com/news/business/ibm-email-migration-hundreds-of-employees-face-disruption-what-happened-7115681.html
TITLE :
Here's Why India Needs To Expand Record Foreign Exchange Reserves - NDTV Profit
DESCRIPTION :
The rise in India's foreign exchange reserves to above $600 billion may not be enough to beat the challenges looming for Asia's third-largest economy, according to som
Type here to search
34°C
ENG
11:31
02-07-2021

TESTING

REFRESH BUTTON WILL RESOLVE THE ISSUES OF PRICE MISMANAGEMENT





FUTURE SCOPE

Investors side

Future scope for this type of application is very high.

As the time is shipping towards next decade people want to invest their money in some stocks which will save them from inflammation and give the higher returns.

Industry side:

From the lower face values the industry share holders can grow in exponential manner from listing their company on the stock exchange.

REFERENCES

- https://newsapi.org/docs
- https://www.geeksforgeeks.org/get-post-requests-using-python/
- https://www.geeksforgeeks.org/implementing-web-scraping-python-beautiful-soup/